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08/09/02

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- l. A data storage medium having an optical information carrier which comprises a plurality of plies (10) of a polymer carrier (11) through which information can be read from a propelected polymer carrier ply (10) and, optionally, can be written to a presclected polymer carrier ply (10) and which is formed around an optically transparent care (30) whose refractive index differs by less than 6.00 from the refractive index of the polymer carrier (11).
- The data storage medium as claimed in claim 1, characterized in that the cose (36) is sleevelike or cylinderlike and has a recess (38) in its central area.
- 3. The data storage medium as claimed in claim 2, characterized in that the recess (32) is disposed to soccommodate a read device (2) end, optionally, a write device (2) of a drive that is attuned to the cate storage medium (1).
 - The data storage medium as claimed in any of claims 1-to 3, characterized
 in that the pulymer carries (11), which preintably comprises a polymer film (11), is
 usual spirally around the core (30).
 - The data storage medicin is claimed in my-of-claims 1-8s-4. (furactioned)
 In this the zora (30, 30) comprises a plantic.
- a. The data storage ending as distinct in Claim 5, characterized in that the core (38, 60) comprises one or more of the following metanicist polymethyl methodrylate, cyclocletinic copolymer.

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The data surerise modern as elabored in claim Sear-6, characterized in that
the case (30, 40) is provided with an antisympth conting.

- 8. The data newsgo medium as obtained in any of claims 1-as 4, distractories & in that the core (20, 40) comprises a glass.
- The ana storage measure at clubnes in any orientes. For 8, characterized in that there is no substance layer (12) between each pair of adjacent polymer current places.
 (40).
- 10. The data storage medium as claimed in Claim 9. characterized in that the refractive index of the adhesion layer (13) differs only slightly from the refractive index of the polymer carrier (11).
- The data storage medium as claimed in any of claims 1-m-10, characterized in that the refuseive index of the polymer carrier (11) can be charged locally by braving.
- 12. The data storage medium as claimed in claim 11, characterized in that the polymer carrier (11) is assigned an absorber which is disposed at least partly to absorb a write beam and to emit the generated heat at least partly, locally, to the polymer carrier (11).
 - 13. The use of a data strange medium as claimed in may of the pseudony claims.

 I to conjunction with claim 3 is a drive which is amound to it and comprises a read device.

 (2) and, optionally, a write device (2), the road device (2) and the optional write device.

 (2) being disposed in the recess (33) in the count wrea of the core (30) and being moved relative to the data storage medium (1), while the data storage medium (1) is students).

 So the purpose of reading and/or writing information.

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